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REPORT

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THIS IS UNEVALUATED INFORMATION

NEW INDUSTRIAL AND CONSUMERS' GOODS SHOWN
AT LEIPZIG FAIR

The people-owned Mercedes Office Machine Factories of Zella-Mehlis are showing at the Leipzig Fair a new, all-electrical device for recording the full text of bookkeeping entries. The machine prints bookkeeping entries of any desired wording in capitals and small letters, with the necessary punctuation or symbols, in any part of a prepared form. It has a complete printing device, a device for calculating balances, and up to 30 dividers. The amounts booked are figured vertically and horizontally. The machine has an automatic transcriber, eliminating the necessity of copying totals and balances from the punched holes. Dates of entries are also recorded automatically.

The textile division of the Leipzig Fair features felts, felt cloth, and fabrics for filters and other industrial purposes, including basic fabrics for linoleum, artificial leather, and sized materials. Further innovations consist of fireproof work clothing made of asbestos and acid-resistant protective clothing.

SHOWS AUXILIARY MOTORS FOR BICYCLES -- Taegliche Rundschau, No 59,
10 Mar 50

CONFIDENTIAL

- 1 -

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50X1-HUM

This motor can be mounted on a standard bicycle. Instead of the usual gear wheels, it has friction wheels, which serve as couplings. It is equipped with a carburetor without float. Its speed on a level surface is approximately 25 kilometers per hour.

EXHIBITS MINIATURE DIESEL MOTOR -- Taegliche Rundschau, No 58, 9 Mar 50

Four miniature Diesel motors with a piston displacement of 0.3-10 cubic centimeters made by the Kratsch Engine Builders in Goessnitz are on display at the Leipzig Fair. The smallest of these motors is about the size of a spectacle lens and may be used for driving a propeller. The combined weight of such a motor and propeller is only 32 grams.

IMPROVED X-RAY APPLIANCES SHOWN -- Taegliche Rundschau, No 59, 10 Mar 50

The people-owned Transformer and X-ray Appliance Plant in Dresden has carried out considerable improvements on its Durix and Kostix/f X-ray apparatus, as the models exhibited at the Leipzig Fair showed.

A safety device has been introduced which eliminates all danger from high tension and prevents involuntary emission of X-rays from the tube. Handling of the equipment has been simplified, even though its performance has been increased.

EXHIBITS HIGH-SPEED PAPER-FOLDING MACHINE -- Die Wirtschaft, No 8, 23 Feb 50

A 16-operation model of the Triumph assembly machine will be displayed in the collective exhibit of the Polygraph Branch Enterprises at the Leipzig Fair.

The machine, a product of the people-owned Triumph factory in Leipzig-Moelkau, has recently been fitted with a new mechanism which facilitates the processing of individual sheets.

The assembling of stacks of sheets never presents any difficulties, because whenever one of the operations fails to pick up or convey a stack, the machine automatically shuts off, thus giving service personnel an opportunity to correct the situation. The same process takes place when the machine works with single sheets. With single sheets, however, the suction appliances sometimes pick up two sheets at a time. This complication has been completely eliminated by equipping the apparatus with a precision micrometer which now stops the machine in the event two sheets are picked up instead of one. The machine, therefore, can now be fully depended upon to process single sheets as well as stacks, an advantage not to be found in any other machine of this type.

The demand for greater output by the folding machines has been met by increasing the number of revolutions per minute. Output can also be increased by the use of duplex machines, which fold two pamphlets at a time. Accordingly, the Triumph shops have turned out a new improved machine, the automatic Ratio-Triumph duplex folding machine, which will turn out two pamphlets of 8, 16, or 32 pages at a time.

NOVEL ELECTRIC APPLIANCE SHOWN -- Taegliche Rundschau, No 58, 9 Mar 50

A novel combination cooking and heating appliance with a toasting device, for table use, is being shown at the Leipzig Fair by the

- 2 -

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50X1-HUM

Buehnert-Doebeln Metalware Factories. It is made of nickel-plated brass and has a three-way regulator. The appliance is produced for export only.

LOW-WATTAGE SOLDERING IRON -- Taegliche Rundschau, No 60, 11 Mar 50

A low-wattage soldering iron with the trade name Optimus II is being shown at the Leipzig Fair by the firm Werner Bittmann, Berlin-Lichtenfeld-East. The iron is characterized by optimum concentration of heat at the soldering point, using heating filaments whose efficiency has been proved over long periods of time. With the use of the Optimus, sheet metal up to one millimeter in thickness can normally be soldered. The iron consumes only 120 watts, takes as little as 3 minutes to attain soldering heat, and weighs 400 grams.

IMPROVED VULCANIZING DEVICE -- Taegliche Rundschau, No 61, 12 Mar 50

Heretofore, repair of a rubber boot with three defective spots required three heatings of approximately 30 minutes each. With the aid of the new vulcanizing device introduced by Albert Schrott, Zschachwitz/Dresden, and shown at the Leipzig Fair, the same boot can be repaired with one 15-minute heating.

The instrument, which will vulcanize three pairs of boots at a time, can be tended safely and easily by unskilled personnel.

MINIATURE STERILIZER -- Taegliche Rundschau, No 58, 9 Mar 50

A miniature hot air sterilizer is being exhibited at the Leipzig Fair by Hans Brey, makers of electromechanical devices in Wutha (Thuringen). The mechanism, which bears the trade name Sterifax, is equipped with an automatic, adjustable temperature regulator (130-180 degrees Centigrade?). Designed for the needs of dentists and eye, ear, nose, and throat specialists, it is also suitable for sterilizing instruments used by general practitioners, with the exception of gynecological instruments.

EXHIBITS NEW BUILDING MATERIAL -- Taegliche Rundschau, No 61, 12 Mar 50

Tetzner and Wieler GmbH, of Altenberg (Erzgebirge Mountains), are exhibiting at the Leipzig Fair their new AR-TE building material, composed of clay, sand, sawdust, and Portland cement. The material lends itself to the production of unfired standard and hollow bricks, panels, dowels, drainage pipes, sewer pumps, chimney flues, etc. According to the manufacturers, the material weighs one-fourth to one-fifth less than brick masonry. Its optimal pressure resistance is 6-8 kilograms per square centimeter.

NEW CASH REGISTER SHOWN -- Taegliche Rundschau, No 58, 9 Mar 50

The people-owned W. Feiler Specialty Plant in Berlin is exhibiting a newly constructed cash register at the Leipzig Fair. The standard model on display is not restricted to any particular recording system; it will issue either tickets or duplicate sales checks.

- E N D -

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- 3 -

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